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*North America's Leader in Hazardous Material Information Management*  
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## MSDS PRODUCT INFORMATION

Date: 10/07/2005  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Dow Chemical Company  
Product Name: Super Tuff-R R7.2 Insulation Sheathing (DISCONTINUED)



# Material Safety Data Sheet

The Dow Chemical Company  
Midland, Michigan 48674

The Dow Chemical Company, Midland, MI 48674 Emergency Phone: 989-636-4400

Product Code: 11406

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Product Name: SUPER TUFF-R\* R7.2 INSULATION SHEATHING

Effective Date: 12/04/01 Date Printed: 01/03/02

MSDS: 004957

## 1. INGREDIENTS: (% w/w, unless otherwise noted)

Ingredients	CAS No.	%* (Approx)	OSHA PEL	ACGIH TLV	Comments
01 Polyisocyanurate foam	NONE	<70	NONE	NONE	
02 Proprietary hydro chlorofluorocarbons		<11	N/E	N/E	500 PPM Rec.
03 Aluminum foil	007429-90-5	<5	15	10	MG/M3 Metal Dust
04 Paper	NONE	<10	NONE	NONE	
05 Fibrous glass	065997-17-3	<3	5	10	MG/M3 Resp.
06 Polyester	NONE	<6			

\*% Approximate

Carcinogenicity	NTP Listed	IARC Listed	OSHA Regulated
Ingredient Number:	NONE	NONE	NONE

SARA Title III Section 313:

Ingredients Listed: 03 as Fume or Dust, 02

## 2. PHYSICAL DATA:

BOILING POINT: N/A

VAP. PRESS: N/A

VAP. DENSITY: N/A

SOL. IN WATER: N/A

SP. GRAVITY: Nominal 2.0 PCF

PCT. VOLATILES: N/A

EVAP. RATE: N/A

APPEARANCE: Tan core with plain foil and multi laminate facings

ODOR: No odor

## 3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: N/A

METHOD USED: N/A

For information regarding state/provincial and federal regulations see  
The Regulatory Information Section.

\* OR (R) INDICATES A TRADEMARK OF THE DOW CHEMICAL COMPANY



Product Name: SUPER TUFF-R\* R7.2 INSULATION SHEATHING

Effective Date: 12/04/01 Date Printed: 01/03/02

MSDS: 004957

### 3. FIRE AND EXPLOSION HAZARD DATA: (CONTINUED)

#### FLAMMABLE LIMITS

LEL%: N/A

UEL%: N/A

EXTINGUISHING MEDIA: CO2, dry chemical, foam, water fog.

FIRE AND EXPLOSION HAZARDS: None known.

FIRE-FIGHTING EQUIPMENT: Self-contained breathing apparatus.

NFPA Ratings: 4=Extreme, 3=High, 2=Moderate, 1=Slight,  
0=Insignificant

Flammability: 1

Health: 1

Reactivity: 0

Special Hazards:

### 4. REACTIVITY DATA:

STABILITY: Stable.

CONDITIONS TO AVOID: Will burn if exposed to fire of sufficient heat and intensity.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Like wood and other organic materials, can release toxic smoke if ignited.

### 5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Normal housekeeping.

DISPOSAL METHOD: In accordance with federal, state and local regulations.

### 6. HEALTH HAZARD DATA:

EYE: Can be a mechanical irritant to eyes.

For information regarding state/provincial and federal regulations see The Regulatory Information Section.

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**6. HEALTH HAZARD DATA: (CONTINUED)**

SKIN CONTACT: Can be a mechanical irritant to skin.

INHALATION: Can be a mechanical irritant to upper respiratory system. Persons with respiratory illness or dermatitis could be affected; see Section 8.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: Studies on continuous filament fiberglass show no statistically significant increased risk of respiratory diseases.

**7. FIRST AID:**

EYES: Flush with water for 15 minutes or until irritation ceases.

SKIN: Wash with soap and water.

INGESTION: N/A

INHALATION: Remove to fresh air.

OTHER: This product is not expected to present health hazards under normal use.

**8. HANDLING PRECAUTIONS:**

VENTILATION: Not necessary unless fabricating. If so, use sufficient ventilation to keep exposure to dust to a minimum (below 5 mg/m<sup>3</sup> respirable nuisance dust).

RESPIRATORY PROTECTION (use only Niosh certified devices): Dust mask during fabrication if necessary.

SKIN PROTECTION: Protective clothing not necessary.

EYE PROTECTION: As necessary.

SPECIAL PRECAUTIONS: Persons who develop symptoms of allergy, irritation, respiratory problems or puffiness around the eyes should be examined by a physician as soon as possible.

**9. ADDITIONAL INFORMATION:**

For information regarding state/provincial and federal regulations see The Regulatory Information Section.

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The Dow Chemical Company, Midland, MI 48674 Emergency Phone:989-636-4400

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Effective Date: 12/04/01 Date Printed: 01/03/02

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**9. ADDITIONAL INFORMATION: (CONTINUED)**

OTHER NOTES: MSDS Number 0001-98B

MSDS STATUS: New MSDS

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The Information Herein Is Given In Good Faith, But No Warranty,  
Express Or Implied, Is Made. Consult The Dow Chemical Company  
For Further Information.